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# **Mechanical Properties and Physical Functions of Materials/Structures**

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Deadline for manuscript submissions:

closed (10 September 2023)

# Message from the Guest Editors

Dear Colleagues,

The development of novel new materials/structures has played an important role in advancing the relevant science and engineering fields. For example, the emergence of new carbon-reinforced composites has significantly increased the performance of new-generation airplanes. The additive manufacturing technique has enabled the design and production of many novel new structures and brought the development of new materials/structures to the frontier of science again. The mechanical properties and physical functions of materials/structures are a crucial part in this development. Therefore, this Special Issue focuses on the development of new materials/structures, the study of their mechanical properties and physical functions, and the exploration of their applications.

The topics of interest include but are not limited to:

- Cellular materials/structures
- Metamaterials
- Lattice structures
- Smart composite materials/structures
- Functional materials
- Nanomaterials
- Biomaterials













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# **Message from the Editor-in-Chief**

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